

# **New Academic and Research Facilities**

**Bond Title:** Undergraduate Science Teaching Lab Phase I

**Renamed:** Marye Anne Fox Science Teaching Lab

**Designer:** Little & Associates Architects, Charlotte, NC

**Contractor:** R.N. Rouse & Co. Inc., Goldsboro, NC

**New Square Feet:** 116,521

**Renovated Square Feet:** N/A

**Budget: Total:** \$26,566,804 **Bond:** \$24,669,304 **Non-Bond:** \$1,897,500

**Type:** Lab / Classroom / Office

**Usage:** Departments of Chemistry, Physics, and Horticultural Science

**Construction HUB Participation:** 14.9% (**African-American:** 3.8%)

**Design Start:** July 17, 2000

**Construction:** March 18, 2002 – June 17, 2004

**Project Closed:** March 20, 2008



**Bond Title:** David Clark & Undergraduate Science Teaching Lab II  
**Renamed:** David Clark Lab

**Designer:** Stubbins Associates, Inc., Cambridge, MA

**Contractor:** Clancy & Theys Construction, Raleigh, NC

**New Square Feet:** 50,953

**Renovated Square Feet:** 42,219

**Budget: Total:** \$21,108,865 **Bond:** \$21,108,865 **Non-Bond:** N/A

**Type:** Lab / Classroom / Office

**Usage:** Department of Zoology and the Biological Sciences Program

**Construction HUB Participation:** 18.9% (**African-American:** 1.4%)

**Design Start:** January 22, 2001

**Construction:** June 17, 2002 – July 11, 2005

**Project Closed:** September 28, 2007



**Bond Title:** Harrelson Classroom Building Renovation  
**Renamed:** SAS Hall

**Designer:** Millennium 3 Design Group, Charlotte, NC

**Contractor:** Clancy & Theys Construction, Raleigh, NC

**New Square Feet:** 123,152

**Renovated Square Feet:** N/A

**Budget: Total:** \$31,305,160 **Bond:** \$19,809,327 **Non-Bond:** \$11,495,833

**Type:** Lab / Classroom / Office

**Usage:** Departments of Mathematics and Statistics

**Construction HUB Participation:** 18.1% (**African-American:** 1.0%)

**Design Start:** September 29, 2003

**Construction:** November 8, 2006 – February 26, 2009

**Project Closed:** Scheduled to close September 2009



## **Bond Title:** Jordan Hall Lab and Classroom Addition

**Designer:** BBH Design, Research Triangle Park, NC

**Design Award:** Outstanding Designs from American School and University

**Contractor:** DH Griffin Construction Co., Raleigh, NC

**New Square Feet:** 46,000

**Renovated Square Feet:** N/A

**Budget: Total:** \$15,598,443 **Bond:** \$15,598,443 **Non-Bond:** N/A

**Type:** Lab / Classroom / Office

**Usage:** College of Natural Resources

**Construction HUB Participation:** 14.0% (**African-American:** 0.0%)

**Design Start:** June 20, 2001

**Construction:** November 28, 2005 – July 25, 2007

**Project Closed:** October 13, 2008



**Bond Title:** Visitor's Center

**Renamed:** E. Carroll Joyner Visitor Center

**Designer:** Callaway Johnson Moore and West, Winston-Salem, NC

**Contractor:** Poythress Commercial Contractors, Inc., Cary, NC

**New Square Feet:** 27,035

**Renovated Square Feet:** N/A

**Budget: Total:** \$5,381,269 **Bond:** \$887,081 **Non-Bond:** \$4,494,188

**Type:** Office and visitors center

**Usage:** E. Carroll Joyner Visitor Center, Foundation Accounting and Investments, and News Services

**Construction HUB Participation:** 9.7% (African-American: 0.0%)

**Design Start:** January 1, 2001

**Construction:** April 26, 2004 – November 30, 2005

**Project Closed:** September 10, 2008



## Bond Title: Flex Building

**Designer:** The Haskell Company, Raleigh, NC

**Contractor:** The Haskell Company, Raleigh, NC

**New Square Feet:** 54,745

**Renovated Square Feet:** N/A

**Budget: Total:** \$5,618,978 **Bond:** \$ 5,618,978 **Non-Bond:** N/A

**Type:** Lab / Office

**Usage:** Sea Grant Program, VC for Research & Graduate Studies - Biofuels Research (multi-college), Solar Center, Water Resource Research Institute, Marine, Earth & Atmospheric Sciences

**Construction HUB Participation:** 6.3% (African-American: 0.1%)

**Design Start:** October 2, 2001

**Construction:** April 29, 2002 – March 5, 2003

**Project Closed:** April 29, 2008



**Bond Title:** College of Engineering Complex Phase I  
**Renamed:** Engineering Building I

**Designer:** Perkins & Will Architects, Charlotte, NC

**Contractor:** Shelco, Inc., Raleigh, NC

**New Square Feet:** 161,217

**Renovated Square Feet:** N/A

**Budget: Total:** \$34,819,671 **Bond:** \$33,019,671 **Non-Bond:** \$1,800,000

**Type:** Lab / Classroom / Office

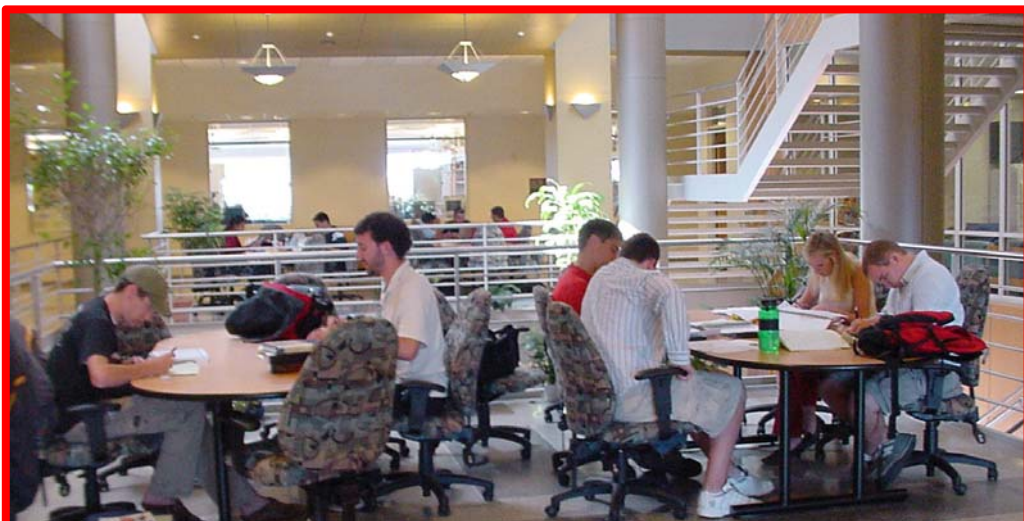
**Usage:** Departments of Chemical Engineering and Material Science and Engineering

**Construction HUB Participation:** 18.1% (African-American: 2.2%)

**Design Start:** November 13, 2000

**Construction:** February 11, 2002 – March 10, 2005

**Project Closed:** March 20, 2008



**Bond Title:** College of Engineering Complex Phase II

**Renamed:** Engineering Building II

**Designer:** Perkins & Will Architects, Charlotte, NC

**Contractor:** Clancy & Theys Construction, Raleigh, NC

**New Square Feet:** 227,109

**Renovated Square Feet:** N/A

**Budget: Total:** \$42,504,167 **Bond:** \$33,450,621 **Non-Bond:** \$9,053,546

**Type:** Lab / Classroom / Office

**Usage:** Departments of Computer Science and Electrical and Computer Engineering

**Construction HUB Participation:** 14.4% (African-American: 9.6%)

**Design Start:** December 4, 2000

**Construction:** December 16, 2003 – August 3, 2006

**Project Closed:** March 20, 2008



## Bond Title: Partners III

**Designer:** Freelon Group, Durham, NC

**Contractor:** Shelco, Inc., Raleigh, NC

**New Square Feet:** 82,988

**Renovated Square Feet:** N/A

**Budget: Total:** \$22,320,211 **Bond:** \$9,126,082 **Non-Bond:** \$13,194,129

**Type:** Lab / Classroom / Office

**Usage:** W.M. Keck Center for RNA Mediated Evolutionary Materials Synthesis, Plant Metabolic Engineering, Center for Integrated Fungal Research, Center for High Performance Simulation, and Nanoscale Physics

**Construction HUB Participation:** 26.8% (**African-American:** 1.4%)

**Design Start:** May 25, 2001

**Construction:** March 7, 2003 – December 3, 2004

**Project Closed:** September 10, 2008



## Bond Title: College of Veterinary Medicine Research Lab Building

**Designer:** Flad & Associates, Research Triangle Park, NC

**Contractor:** Bovis Lend Lease, Raleigh, NC

**New Square Feet:** 103,000

**Renovated Square Feet:** N/A

**Budget: Total:** \$32,936,188 **Bond:** \$19,460,905 **Non-Bond:** \$13,475,283

**Type:** Research Lab / Office

**Usage:** College of Veterinary Medicine

**Construction HUB Participation:** 17.8% (African-American: 5.5%)

**Design Start:** July 3, 2000

**Construction:** December 16, 2002 – March 25, 2005

**Project Closed:** April 15, 2008



**Bond Title:** Horticultural Classroom @ Arboretum Education Center  
**Renamed:** Ruby C. McSwain Education Center

**Designer:** Cherry Huffman Architects , Raleigh, NC

**Design Award:** Sir Walter Raleigh Community Appearance from City of Raleigh

**Contractor:** O'Connor & Taylor, Raleigh, NC

**New Square Feet:** 7,216 (Roof Garden: 4,495)

**Renovated Square Feet:** N/A

**Budget: Total:** \$4,189,014 **Bond:** \$476,190 **Non-Bond:** \$3,712,824

**Type:** Classroom / Office

**Usage:** Department of Horticultural Science for Plant Sciences and Landscape Design

**Construction HUB Participation:** 9.0% (African-American: 0.0%)

**Design Start:** May 1, 1994

**Construction:** January 1, 2002 – August 16, 2002

**Project Closed:** March 15, 2008



## **Bond Title:** Mechanical and Aerospace Engineering Lab at West Research Annex

**Designer:** Phil Szostak Associates, Chapel Hill, NC

**Contractor:** D.S. Simmons, Goldsboro, NC

**New Square Feet:** 11,171

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,745,901 **Bond:** \$1,545,901 **Non-Bond:** \$200,000

**Type:** Lab / Office

**Usage:** Mechanical and Aerospace Engineering

**Construction HUB Participation:** 12.0% (**African-American:** 0.0%)

**Design Start:** October 8, 2001

**Construction:** May 24, 2004 – March 10, 2005

**Project Closed:** March 20, 2008



Shown at left is the 150 ton hydraulic press used in one of the labs for the study of the mechanics and control pertaining to meso and macro hydroforming of complex parts.

**Bond Title:** Research & Teaching Feed Mill**Designer:** Wagester & Lease, Inc., Pittsburg, PA**Contractor:** Bordeaux Construction Co., Durham, NC**New Square Feet:** 12,559**Renovated Square Feet:** N/A**Budget: Total:** \$2,940,866 **Bond:** \$2,582,000 **Non-Bond:** \$358,866**Type:** Hands-on Learning Laboratory**Usage:** Departments of Poultry Science, Animal Science, and Biological and Agricultural Engineering**Construction HUB Participation:** 29.9% (**African-American:** 1.8%)**Design Start:** January 21, 2001**Construction:** August 16, 2002- January 17, 2003**Project Closed:** November 6, 2008

**Bond Title:** Beef Herd Relocation

**Renamed:** Beef Educational Unit

**Designer:** Lucien Roughton Architects, Durham, NC

**Contractor:** NC Monroe Construction, Greensboro, NC

**New Square Feet:** 27,976

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,465,177 **Bond:** \$1,315,177 **Non-Bond:** \$150,000

**Type:** Lab / Arena / Classroom / Office

**Usage:** Department of Animal Sciences

**Construction HUB Participation:** 7.8% (**African-American:** 7.8%)

**Design Start:** September 24, 2001

**Construction:** April 8, 2002 – December 4, 2002

**Project Closed:** March 15, 2008



**Bond Title:** Animal and Food Science Facilities

**Renamed:** Animal & Poultry Research & Teaching Complex

**Designer:** Flad and Associates, Research Triangle Park, NC

**Contractor:** DS Simmons, Goldsboro, NC

**New Square Feet:** 34,852

**Renovated Square Feet:** N/A

**Budget: Total:** \$6,125,226 **Bond:** \$6,030,463 **Non-Bond:** \$94,763

**Type:** Lab / Classroom / Office

**Usage:** Departments of Poultry Science and Animal Science

**Construction HUB Participation:** 12.0% (**African-American:** 1.7%)

**Design Start:** May 5, 2003

**Construction:** August 26, 2005 – November 8, 2006

**Project Closed:** September 30, 2008



## **Bond Title:** Field Research Labs & Outlying Research Facilities

**Designer:** Peirson & Whitman Architects and Engineers, PA, Raleigh, NC

**Contractor:** D.W. Ward Construction, Durham, NC

**Budget: Total:** \$2,752,266 **Bond:** \$2,338,035 **Non-Bond:** \$414,231

**Type:** Lab / Research Facilities

**Usage:** College of Agriculture and Life Sciences

**Construction HUB Participation:** 8.9% (**African-American:** 3.0%)

**Design Start:** July 8, 2002

**Construction:** April 30, 2003 – February 27, 2008

**Project Closed:** March 20, 2008



One of the Projects: Dairy Barn at Reedy Creek

# **Renovated Academic and Research Facilities**

## **Bond Title:** 1911 Building Comprehensive Renovation

**Designer:** PNP Design, Greensboro, NC

**Contractor:** Riley Contracting Group, Cary, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 49,884

**Budget: Total:** \$9,451,398 **Bond:** \$7,401,398 **Non-Bond:** \$2,050,000

**Type:** Classroom / Office

**Usage:** Departments of Sociology and Anthropology, Department of Social Work, and CHASS Interdisciplinary Programs

**Construction HUB Participation:** 18.1% (**African-American:** 0.1%)

**Design Start:** May 24, 2002

**Construction:** February 7, 2007 – January 29, 2008

**Project Closed:** August 6, 2008



## Bond Title: Leazar Hall Laboratory Building Renovation

**Designer:** Cannon Architects, Raleigh, NC

**Design Award:** Honor Award from NC American Institute of Architects and President's Award from Brick SouthEast

**Contractor:** Riley Contracting Group, Cary, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 66,206

**Budget: Total:** \$8,246,241 **Bond:** \$7,477,646 **Non-Bond:** \$768,595

**Type:** Lab / Classroom / Office

**Usage:** College of Design

**Construction HUB Participation:** 12.4% (African-American: 0.3%)

**Design Start:** February 11, 2002

**Construction:** April 22, 2005 – August 25, 2006

**Project Closed:** February 6, 2008



## Bond Title: Withers Hall

**Designer:** Clearscapes, Raleigh, NC

**Contractor:** New Atlantic Contracting, Inc., Winston-Salem, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 71,144

**Budget: Total:** \$10,562,544 **Bond:** \$10,562,544 **Non-Bond:** N/A

**Type:** Classroom / Office

**Usage:** Departments of Foreign Language and Literature, Philosophy and Religion, and History

**Construction HUB Participation:** 14.6% (**African-American:** 1.1%)

**Design Start:** April 11, 2002

**Construction:** May 17, 2004 – November 8, 2006

**Project Closed:** September 28, 2007



## Bond Title: Park Shops Comprehensive Renovation

**Designer:** Pearce Brinkley Cease and Lee, Raleigh, NC

**Design Award:** Honor Award from NC American Institute of Architects

**Contractor:** Clancy & Theys Construction, Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 49,423

**Budget: Total:** \$14,414,534 **Bond:** \$12,452,654 **Non-Bond:** \$1,961,880

**Type:** Lab / Classroom / Office

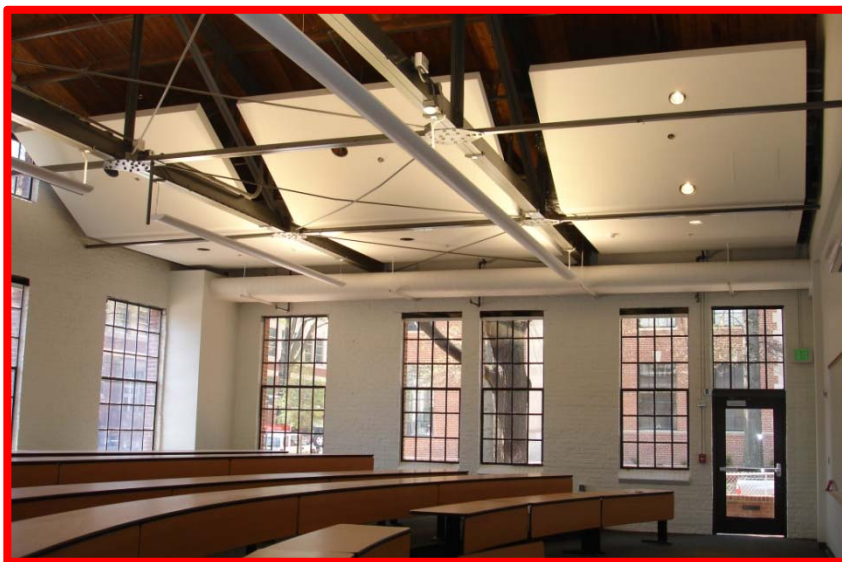
**Usage:** College of Humanities and Social Sciences, Distance Education and Learning Technology Applications (DELTA), Division of Undergraduate Academic Programs (DUAP), Registration and Records, Cafe

**Construction HUB Participation:** 45.0% (**African-American:** 1.5%)

**Design Start:** January 16, 2004

**Construction:** June 20, 2007 – May 15, 2009

**Project Closed:** Scheduled to close October 2009



**Bond Title:** Riddick Labs Comprehensive Renovation  
**Renamed:** Riddick Hall

**Designer:** BJLAS Architecture, Raleigh, NC

**Contractor:** Suitt Construction, Greenville, NC

**New Square Feet:** 12,156

**Renovated Square Feet:** 115,601

**Budget: Total:** \$27,446, 701 **Bond:** \$26,128,073 **Non-Bond:** \$1,318,628

**Type:** Lab / Classroom / Office

**Usage:** Departments of Physics and Animal Science

**Construction HUB Participation:** 29.4% (**African-American:** 5.6%)

**Design Start:** May 1, 2001

**Construction:** April 7, 2005 – August 3, 2007

**Project Closed:** November 6, 2008



## **Bond Title:** Daniels Hall Laboratory Building Renovation

**Designer:** Walter Robbs Callahan & Pierce, Winston-Salem, NC

**Contractor:** J.W. Grand, Inc., Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 65,000

**Budget: Total:** \$8,186,122 **Bond:** \$7,874,083 **Non-Bond:** \$312,039

**Type:** Lab / Classroom / Office

**Usage:** Ed P. Fitts Industrial and Systems Engineering and Integrated Manufacturing Systems Engineering

**Construction HUB Participation:** 11.5% (**African-American:** 2.8%)

**Design Start:** June 20, 2001

**Construction:** March 15, 2004 – April 27, 2007

**Project Closed:** February 6, 2008



## Bond Title: South Gardner Hall

**Designer:** Freelon Group, Durham, NC

**Contractor:** The Whiting-Turner Contracting, Inc. Charlotte, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 99,386

**Budget: Total:** \$17,660,090 **Bond:** \$17,622,917 **Non-Bond:** \$37,173

**Type:** Lab / Classroom / Office

**Usage:** Departments of Botany, Entomology, Genetics, Microbiology, Plant Pathology, and USDA Plant Science Research Unit

**Construction HUB Participation:** 12.9% (**African-American:** 1.7%)

**Design Start:** January 31, 2003

**Construction:** February 16, 2006 – August 18, 2007

**Project Closed:** Final Report submitted July 10, 2009



## **Bond Title:** Polk Hall Laboratory Renovation

**Designer:** BJLAS Architecture, Raleigh, NC

**Contractor:** BE&K Building Group, Inc., Charlotte, NC

**New Square Feet:** 15,586

**Renovated Square Feet:** 31,182

**Budget: Total:** \$17,607,664 **Bond:** \$17,575,132 **Non-Bond:** \$32,532

**Type:** Lab / Classroom / Office

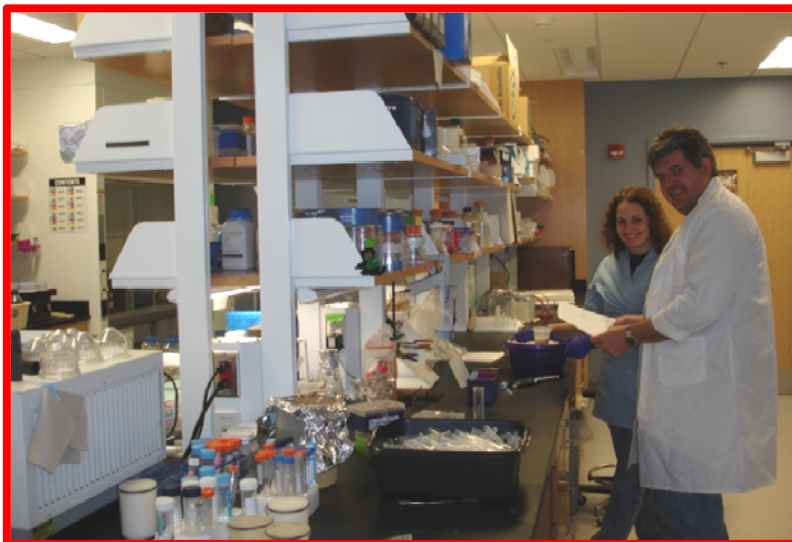
**Usage:** Departments of Animal Science and Biochemistry

**Construction HUB Participation:** 24.0% (**African-American:** 11.0%)

**Design Start:** May 19, 2003

**Construction:** March 6, 2006 – June 13, 2008

**Project Closed:** Scheduled to close September 2009



## **Bond Title:** Williams Hall Laboratory Building Renovation

**Designer:** Clark Nexsen, Charlotte, NC

**Contractor:** DS Simmons, Inc., Goldsboro, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 136,004

**Budget: Total:** \$4,799,725 **Bond:** \$4,702,910 **Non-Bond:** \$96,815

**Type:** Lab / Classroom / Office

**Usage:** College of Agriculture and Life Sciences

**Construction HUB Participation:** 44.0% (**African-American:** 8.8%)

**Design Start:** December 2, 2002

**Construction:** June 11, 2007 – June 6, 2008

**Project Closed:** Scheduled to close September 2009



## **Bond Title:** Environmental Research Lab (Broughton)

**Designer:** Phil Szostak, Chapel Hill, NC

**Contractor:** Riley Contracting Group, Cary, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 8,537

**Budget: Total:** \$1,667,390 **Bond:** \$1,496,540 **Non-Bond:** \$170,850

**Type:** Lab

**Usage:** Department of Microbiology

**Construction HUB Participation:** 30.8% (African-American: 0.0%)

**Design Start:** November 4, 2001

**Construction:** November 17, 2004 – November 11, 2005

**Project Closed:** April 29, 2008



## **Bond Title:** Clark Hall Conversion and Renovation

**Designer:** Gantt Construction Huberman Architects, Charlotte, NC

**Contractor:** Spec Con., Inc., Knightdale, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 15,216

**Budget: Total:** \$1,625,459 **Bond:** \$1,625,459 **Non-Bond:** N/A

**Type:** Lab / Classroom / Office

**Usage:** Faculty Center for Teaching and Learning, Cooperative Education Program, and NCSU Honors Program

**Construction HUB Participation:** 3.5% (**African-American:** 0.0%)

**Design Start:** January 5, 2001

**Construction:** March 25, 2002 – January 20, 2003

**Project Closed:** January 24, 2007



## Bond Title: Library Addition

**Designer:** Meyer Scherer & Rockcastle, Minneapolis, MN

**Contractor:** A&M Construction, Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 103,492

**Budget: Total:** \$9,609,686 **Bond:** \$8,672,117 **Non-Bond:** \$937,569

**Type:** Library Services

**Usage:** NCSU Libraries

**Construction HUB Participation:** 28.5% (African-American: 0.1%)

**Design Start:** February 28, 2001

**Construction:** August 9, 2004 – March 30, 2007

**Project Closed:** October 31, 2007



## **Bond Title:** Schaub Food Science Building Renovation

**Designer:** United Engineering Group, Raleigh, NC

**Contractor:** Suitt Construction, Greenville, NC

**New Square Feet:** N/A

**Renovated Square Feet:** 99,211

**Budget: Total:** \$13,626,469 **Bond:** \$12,955,432 **Non-Bond:** \$671,037

**Type:** Lab / Classroom / Office

**Usage:** Departments of Food, Bioprocessing, and Nutrition Sciences

**Construction HUB Participation:** 14.3% (**African-American:** 8.8%)

**Design Start:** January 17, 2002

**Construction:** June 1, 2004 – August 10, 2005

**Project Closed:** February 6, 2008



# **Infrastructure and Support Facilities**

## Bond Title: Pedestrian Tunnel

**Designer:** Kimley Horn and Associates, Raleigh, NC

**Design Award:** Merit Award from American Society of Landscape Architects and Sir Walter Raleigh Community Appearance from City of Raleigh

**Contractor:** Hy-Tech Construction, Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$2,294,769 **Bond:** \$2,294,769 **Non-Bond:** N/A

**Type:** ADA Accessible Tunnel

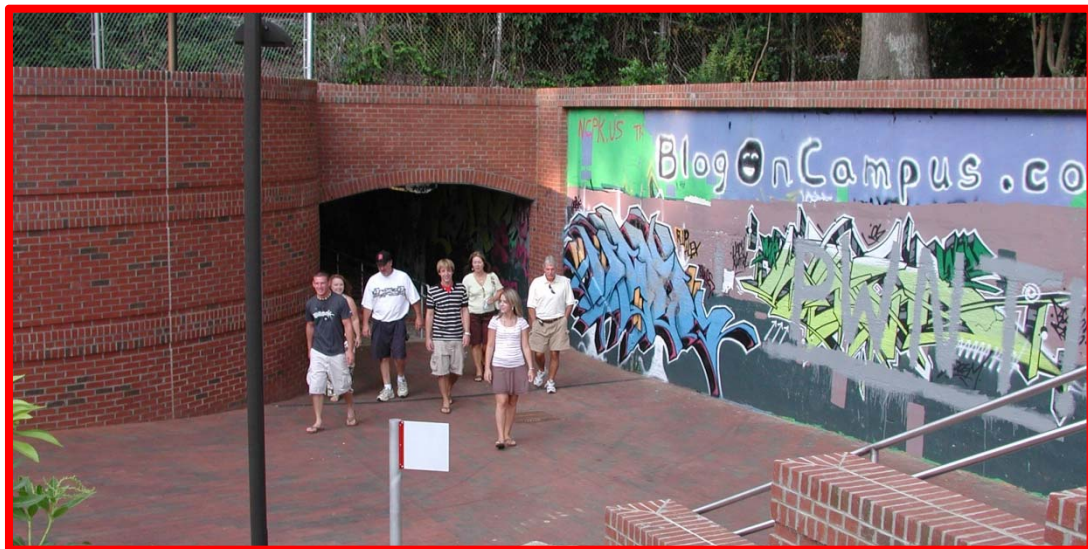
**Usage:** Faculty, Students, Staff and Visitors

**Construction HUB Participation:** 20.9% (African-American: 0.0%)

**Design Start:** February 10, 2003

**Construction:** June 3, 2005 – August 22, 2006

**Project Closed:** March 20, 2008



## **Bond Title:** Coliseum Parking Deck Expansion

**Designer:** Kimley Horn and Associates, Raleigh, NC

**Contractor:** DH Griffin Construction Co., Raleigh, NC

**New Parking Spaces:** 865

**Budget: Total:** \$8,262,777 **Bond:** \$6,105,000 **Non-Bond:** \$2,157,777

**Type:** Parking Deck

**Usage:** Parking for Faculty, Students, Staff and Visitors

**Construction HUB Participation:** 9.0% (African-American: 4.0%)

**Design Start:** April 3, 2001

**Construction:** October 14, 2002 – October 10, 2003

**Project Closed:** January 24, 2007



## **Bond Title:** Wayfinding

**Designer:** Jeffrey Corbin Design, Inc., Traverse City, MI

**Contractor:** NW Sign Industries of North Carolina, Concord, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$588,320 **Bond:** \$498,320 **Non-Bond:** \$90,000

**Type:** Signage

**Usage:** Faculty, Students, Staff and Visitors

**Construction HUB Participation:** 0.0% (**African-American:** 0.0%)

**Design Start:** February 14, 2001

**Construction:** March 3, 2003 – July 10, 2007

**Project Closed:** March 20, 2008



One of the Projects: Signage at Dan Allen Deck

**Bond Title:** Support Services Center

**Renamed:** Administrative Services Building III

**Designer:** Small Kane Architects, Raleigh, NC

**Design Award:** Outstanding Designs from American School & University and Brick Merit Award from NC Architecture

**Contractor:** Bordeaux Construction Co. Inc., Durham, NC

**New Square Feet:** 53,973

**Renovated Square Feet:** N/A

**Budget: Total:** \$11,072,154 **Bond:** \$7,482,819 **Non-Bond:** \$3,589,335

**Type:** Office

**Usage:** Facilities Division, Contracts and Grants, and Sponsored Programs & Regulatory Compliance Services

**Construction HUB Participation:** 11.7% (African-American: 0.8%)

**Design Start:** January 1, 2001

**Construction:** July 22, 2003 – September 15, 2004

**Project Closed:** September 10, 2008



**Bond Title:** Public Safety Facility

**Renamed:** Public Safety Center

**Designer:** Moseley Harris & McClintock, Morrisville, NC

**Contractor:** DH Griffin Construction Co., Raleigh, NC

**New Square Feet:** 18,250

**Renovated Square Feet:** N/A

**Budget: Total:** \$3,671,609 **Bond:** \$ 3,671,609 **Non-Bond:** N/A

**Type:** Office

**Usage:** Campus Police Department and Fire Protection Division

**Construction HUB Participation:** 12.7% (**African-American:** 4.5%)

**Design Start:** December 1, 2000

**Construction:** April 21, 2003 – July 29, 2004

**Project Closed:** January 24, 2007



**Bond Title:** Sullivan Drive Shops Replacement Building I  
**Renamed:** Morris Facilities Services Complex

**Designer:** Ramsey Burgin Smith Associates, Raleigh, NC

**Contractor:** Polovic Construction Co., Inc., Raleigh, NC

**New Square Feet:** 14,097

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,708,525 **Bond:** \$173,083 **Non-Bond:** \$1,535,442

**Type:** Facilities Operations Work Space

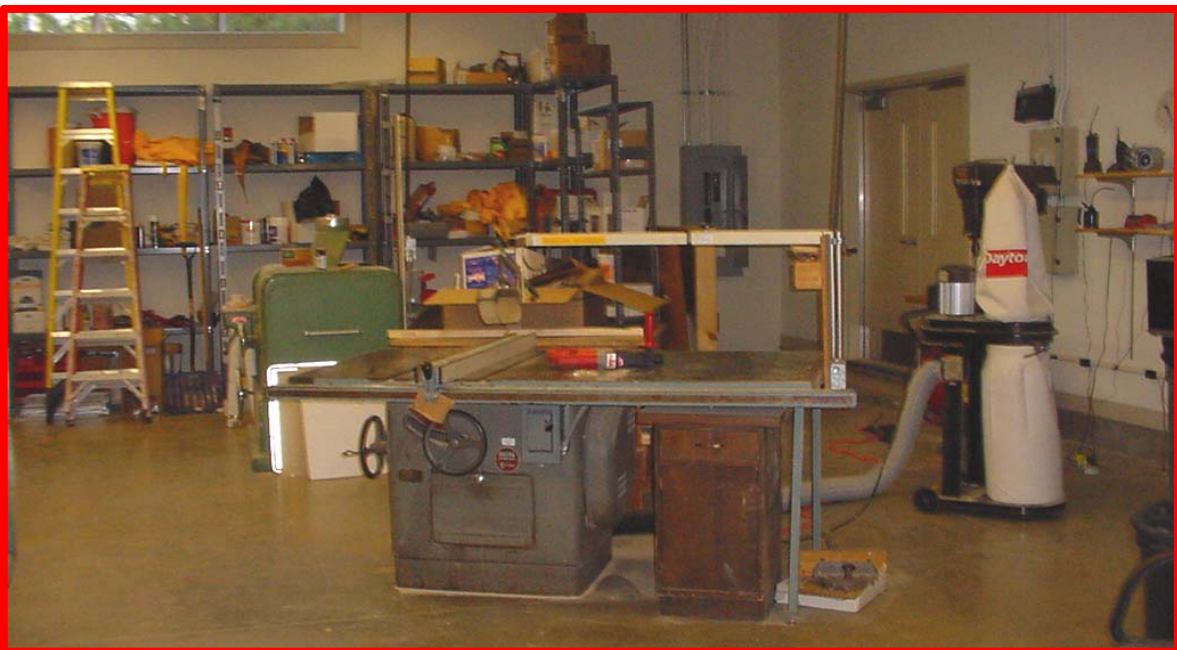
**Usage:** Repair and Renovations and Fleet Services

**Construction HUB Participation:** 66.0% (**African-American:** 0.0%)

**Design Start:** February 17, 2000

**Construction:** April 14, 2002 – May 23, 2003

**Project Closed:** September 30, 2007



**Bond Title:** Sullivan Drive Shops Replacement Building II  
**Renamed:** Morris Facilities Services Complex

**Designer:** Lucien Roughton Architects, AIA, PA, Durham, NC

**Contractor:** Hy -Tech Construction, Raleigh, NC

**New Square Feet:** 20,243

**Renovated Square Feet:** N/A

**Budget: Total:** \$3,850,660 **Bond:** \$2,713,668 **Non-Bond:** \$1,136,992

**Type:** Facilities Operations Work Space

**Usage:** Warehouse, Mail Services, Maintenance Services, Small Engine Repair, Electronics Shop, Pest Control, Floor Maintenance, & Procurement

**Construction HUB Participation:** 11.0% (**African-American:** 0.0%)

**Design Start:** March 1, 2002

**Construction:** May 3, 2004 – June 12, 2006

**Project Closed:** March 20, 2008



## **Bond Title:** Chilled Water Central Plant – Cates Plant Phase 1

**Designer:** RMF Engineering, Inc. , Raleigh, NC

**Contractor:** Acorn Industrial, Inc., Raleigh, NC

**New Square Feet:** 18,235

**Renovated Square Feet:** N/A

**Budget: Total:** \$3,392,122 **Bond:** \$2,927,138 **Non-Bond:** \$464,984

**Type:** Utilities

**Usage:** Utilities for Main Campus Buildings

**Construction HUB Participation:** 49.0% (**African-American:** 40.0%)

**Design Start:** December 7, 2000

**Construction:** February 21, 2002 – February 21, 2003

**Project Closed:** September 30, 2007



## **Bond Title:** Chilled Water Central Plant – Yarbrough Plant Phase 2

**Designer:** RMF Engineering, Inc. , Raleigh, NC

Design Award: Project of Distinction from College Planning & Management, Merit Award from NC American Institute of Architects, and Edge Award from Triangle Business Journal

**Contractor:** Gilbane, Research Triangle Park, NC

**New Square Feet:** 38,639

**Renovated Square Feet:** N/A

**Budget: Total:** \$31,362,842 **Bond:** \$31,362,842 **Non-Bond:** N/A

**Type:** Utilities

**Usage:** Utilities for Main Campus Buildings

**Construction HUB Participation:** 14.3% (African-American: 6.8%)

**Design Start:** May 4, 2001

**Construction:** August 21, 2003 – June 16, 2005

**Project Closed:** September 30, 2007



## **Bond Title:** Chilled Water Central Plant – Cates Plant Phase 3

**Designer:** RMF Engineering, Inc. , Raleigh, NC

**Contractor:** Gilbane, Research Triangle Park, NC

**New Square Feet:** 33, 301

**Renovated Square Feet:** N/A

**Budget: Total:** \$14,153,372 **Bond:** \$13,567,372 **Non-Bond:** \$586,000

**Type:** Utilities

**Usage:** Utilities for Main Campus Buildings

**Construction HUB Participation:** 11.7% (African-American: 8.0%)

**Design Start:** January 1, 2003

**Construction:** July 23, 2004 – May 24, 2006

**Project Closed:** September 30, 2007



**Bond Title:** Upper Classmen Residential Housing (Utility Plant)  
**Renamed:** West Chiller Plant

**Designer:** Hanbury Evans Newill Vlattas, Norfolk, VA

**Contractor:** Centex Construction Co., Charlotte, NC

**New Square Feet:** 7,704

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,889,000 **Bond:** \$1,889.000 **Non-Bond:** N/A

**Type:** Utility Plant

**Usage:** Utilities for Wolf Village Apartments

**Construction HUB Participation:** 11.0% (African-American: 0.0%)

**Design Start:** January 15, 2002

**Construction:** May 1, 2003 – May 25, 2004

**Project Closed:** March 13, 2007



**Bond Title:** Centennial Campus Infrastructure (includes Centennial Campus Utility Plant (CCUP))

**Designer:** Affiliated Engineers East, P.C., Chapel Hill, NC

**Contractor:** DS Atlantic, Winston-Salem, NC

**New Square Feet:** 44,978 for CCUP

**Renovated Square Feet:** N/A

**Budget: Total:** \$16,665,244 **Bond:** \$15,775,055 **Non-Bond:** \$890,189

**Type:** Utilities

**Usage:** Utilities for Centennial Campus

**Construction HUB Participation:** 9.5% (African-American: 2.9%)

**Design Start:** March 19, 2001

**Construction:** August 20, 2002 – August 19, 2004

**Project Closed:** March 13, 2007



**Bond Title:** Steam Distribution and Capacity Improvements  
(Phases I-IV)

**Designer:** Stantec, Raleigh, NC

**Contractors:** Phase I-Mid Atlantic Construction, Charlotte, NC, Phase II-Piedmont Maintenance, Roxboro, NC, Phase III-Allen Kelly & Co., Inc., Raleigh, NC, Phase IV-Industrial Power & Process Corp., Walnut Cove, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$2,256,190 **Bond:** \$2,208,140 **Non-Bond:** \$48,050

**Type:** Utilities

**Usage:** Utilities for Main Campus Buildings

**Construction HUB Participation:** 4.3% (African-American: 0.6%)

**Design Start:** March 15, 2001

**Construction:** February 6, 2003 – June 27, 2006

**Project Closed:** February 6, 2008



## Bond Title: College of Veterinary Medicine Infrastructure

**Designer:** RMF Engineering, Inc., Raleigh, NC

**Contractor:** Bovis Lend Lease, Inc., Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$15,909,565 **Bond:** \$15,348,565 **Non-Bond:** \$561,000

**Type:** Infrastructure

**Usage:** Utilities for College of Veterinary Medicine

**Construction HUB Participation:** 9.5% (African-American: 3.6%)

**Design Start:** January 11, 2001

**Construction:** February 28, 2003 – January 21, 2005

**Project Closed:** March 13, 2007



## Bond Title: CVM Mechanical and Electrical Improvements

**Designer:** RMF Engineering, Inc. , Raleigh, NC

**Contractor:** John J. Kirlin, Inc., Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$15,283,465 **Bond:** \$15,058,465 **Non-Bond:** \$225,000

**Type:** HVAC Renovation

**Usage:** College of Veterinary Medicine

**Construction HUB Participation:** 15.8% (African-American: 1.7%)

**Design Start:** January 2, 2001

**Construction:** July 20, 2005 – October 13, 2008

**Project Closed:** Scheduled to close July 2009



## Bond Title: Technology Infrastructure Expansion

**Designer:** N/A

**Contractor:** Various

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$2,424,100 **Bond:** \$ 2,424,100 **Non-Bond:** N/A

**Type:** Technology Infrastructure

**Usage:** Technology upgrade of 13 academic buildings

**Construction HUB Participation:** 21.9% (African-American: 21.4%)

**Design Start:** N/A

**Construction:** January 2, 2003 – May 31, 2007

**Project Closed:** January 24, 2008



One of the Projects: Telecom Room built and wired in Poe Hall

## **Bond Title:** Backflow Preventers

**Designer:** Dewberry and Davis, Inc., Raleigh, NC

**Contractors for Various Phases:** Southern Piping, Raleigh, NC, Bailey Contracting, Cary, NC, Hockaday Mechanical, Garner, NC, Water and Waste Systems Construction, Inc., Raleigh, NC

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,859,440 **Bond:** \$1,703,567 **Non-Bond:** \$155,873

**Type:** Backflow Preventers

**Usage:** Protect water supplies from contamination or pollution

**Construction HUB Participation:** 13.0% (**African-American:** 13.0%)

**Design Start:** August 6, 2001

**Construction:** June 2, 2003 – August 10, 2006

**Project Closed:** March 20, 2008



One of the Projects: Backflow Preventers at  
College of Veterinary Medicine

# Land Acquisition

## Bond Title: Land Acquisition

**Designer:** N/A

**Contractor:** N/A

**New Square Feet:** N/A

**Renovated Square Feet:** N/A

**Budget: Total:** \$1,773,632 **Bond:** \$1,773,632 **Non-Bond:** N/A

**Type:** Land

**Usage:** Purchase of properties adjacent to North Carolina State campus needed to implement the campus Master Plan

**Construction HUB Participation:** N/A

**Design Start:** N/A

**Acquisition:** January 2001 – August 2004

**Project Closed:** March 22, 2007



One of the Acquired Properties: 2806 Hillsborough Street

## **Bond Title:** Land Acquisition Lake Wheeler

**Designer:** N/A

**Contractor:** N/A

**Budget: Total:** \$2,851,892 **Bond:** \$1,303,092 **Non-Bond:** \$1,548,800

**Type:** Land

**Usage:** Purchase of properties adjacent to North Carolina State campus needed to implement the campus Master Plan

**Construction HUB Participation:** N/A

**Design Start:** N/A

**Acquisition:** December 2002 – October 2004

**Project Closed:** Archived March 23, 2007



One of the Acquired Properties

# Program Management

## Bond Title: Project Management Plan

**Budget: Total: \$14,637,837    Bond: \$14,637,837**

**Project Closed: Scheduled to close December 2009**



Photos of Some of the Project Managers on the Job

## 5% Bond Project Management Fund

<b>Total 5% Account</b>			<b>\$21,639,759</b>
Personnel Salary and Benefits		\$6,321,994	
Staff Support		\$197,490	
Office Setup	\$70,829		
Vehicle Support	\$18,814		
Phone, Supplies	\$107,847		
HUB Support		\$4,127	
Partnering Program		\$2,067	
Swing Space Costs		\$1,370,203	
Flex Building Upfits		\$5,018,146	
Moving Costs		\$476,810	
Cost Estimating		\$100,000	
Drawing Review		\$60,000	
Commissioning		\$1,062,000	
Green Building Measures		<u>\$25,000</u>	
<b>Subtotal</b>		<b>\$14,637,837</b>	<b>\$14,637,837</b>
<b>Amount Put Back into Projects</b>			<b>\$7,001,922</b>

# Contractor Claims

## Summary of Outstanding Contractor Claims

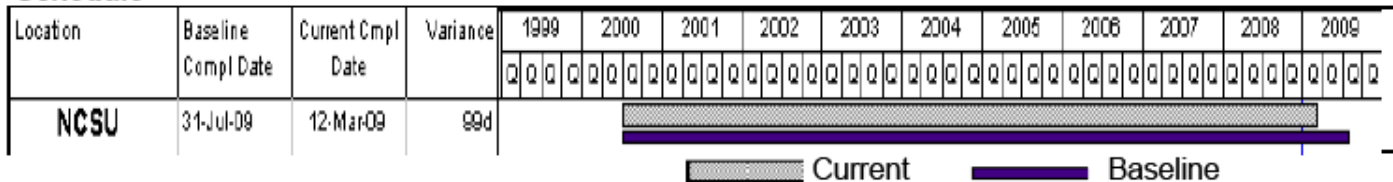
Total Program: \$549,868,044

Total Number of Claims: 0

Total Value of Claims: 0

## Program Schedule

### Schedule



## Bond Design Awards

### **Administrative Services Building III**

*Outstanding Designs* from American School & University

*Brick Merit Award* from North Carolina Architecture

### **Free Expression Tunnel**

*Merit Award* from American Society of Landscape Architects

*Sir Walter Raleigh Community Appearance* from City of Raleigh

### **Isenhour Tennis Complex**

*Outstanding Tennis Facility Award* from United States Tennis Association

### **JC Raulston Arboretum**

*Sir Walter Raleigh Community Appearance* from City of Raleigh

### **Jordan Hall Laboratory Addition**

*Outstanding Designs* from American School & University

### **Leazar Hall Renovation**

*Honor Award* from North Carolina American Institute of Architects

*President's Award* from Brick SouthEast

### **Park Shops Renovation**

*Honor Award* from North Carolina American Institute of Architects

### **Yarbrough Chiller Plant**

*Project of Distinction* from College Planning & Management

*Merit Award* from North Carolina American Institute of Architects

*Edge Award* from Triangle Business Journal

# Other Active Projects

## Other Active Projects during the Period January 1, 2000–May 15, 2009

<u>Title</u>	<u>Budget</u>
Rocky Branch II	\$2,242,767
Rocky Branch III	\$4,106,259
Reynolds Coliseum Improvements	\$12,822,538
Carter-Finley Stadium Improvements	\$74,545,575
East Campus Dining Facility	\$4,293,025
Owens and Tucker Residence Hall – HVAC And Fire Protection Renovations	\$6,676,268
NC State Visitors Center	\$5,381,269
Friday Institute for Educational Innovation	\$9,250,000
Wolf Village	\$78,679,236
Doak Field and Isenhour Tennis Stadium	\$7,024,086
Repairs and Renovation (2000-2007)	\$65,016,509
Centennial Campus – Central Utility Plant Phase II	\$6,138,983
Main Campus Drive – Southwest Connector	\$6,489,307
Greek Housing Renovations	\$8,000,000
Paul Derr Track Complex	\$6,004,791
Carmichael Recreation Center	\$11,805,508
Sullivan Shops Phase II	\$3,850,660
CVM Linear Accelerator Facility	\$1,032,000
Administrative Building I Renovations	\$1,939,916
Terry Animal Hospital	\$38,647,222
Berry, Becton, and Bagwell Residence Halls Renovations	\$17,805,007
ES King Village Community Center	\$2,100,000
Thompson Hall Renovations	\$25,823,343
Biomanufacturing Teaching and Education Center	\$35,258,973
Lot 86 Superfund Site	\$1,242,848
Campus-wide Controls Upgrade, SCADA, Metering	\$1,820,000
HVAC Repairs – Grinnells, Dearstyne, Don Ellis, DH Hill	\$1,802,700
Peele Hall – HVAC Renovation and Sprinkler System	\$1,556,162
CVM Finger Barns and Electrical Upgrades	\$1,618,932
Burlington Labs – Renovation	\$800,000
Kamphoefner Auditorium Renovation	\$1,064,347

## Other Active Projects during the Period January 1, 2000–May 15, 2009 (continued)

<u>Title</u>	<u>Budget</u>
Steam Distribution and Capacity Improvements	\$1,399,100
Connection to Central Chilled Water Loop	\$1,944,032
Boiler, Combustion Controls Upgrade and Burner Replacement	\$850,000
Jordan Hall – Steam Line Replacement	\$734,200
Gold, Welch, and Syme Residence Halls(HVAC, Sprinklers & Fire Alarm)	\$33,782,419
Engineering Building III	\$68,360,229
Centennial Biomedical Campus Infrastructure, Phase A	\$1,150,000
Western Manor Code Upgrades	\$6,200,000
Facility Support Spaces	\$2,114,950
Centennial Campus Greenways, Dam, Oval Drive	\$5,230,227
Swannanoa 4-H Center Staff House	\$1,000,000
Bragaw Residence Hall Renovations	\$4,200,000
Greek Court Development	\$7,700,000
Chiller and Boiler Capacity Expansion	\$1,790,793
James B. Hunt Library on Centennial Campus	\$125,341,186
Improvements to 4-H Camps	\$6,310,549
Partner II Greenhouse	\$295,000
ES King Village Fire Sprinkler System	\$4,609,108
Rocky Branch Bank Stable	\$3,040,891
Atrium Food Court Improvements	\$350,000
4-H Campus Improvements	\$4,000,000
Fire Safety Improvements – Student Residence Halls	<u>\$510,892</u>
<b>Grand Total</b>	<b>\$724,720,839</b>